

Title (en)
DYNAMIC BIPOLAR ELECTRICAL SEALING AND CUTTING DEVICE

Title (de)
DYNAMISCHE BIPOLARE ELEKTRISCHE ABDICHTUNG UND SCHNEIDVORRICHTUNG

Title (fr)
DISPOSITIF DE FERMETURE ET DÉCOUPAGE ÉLECTRIQUE BIPOLAIRE DYNAMIQUE

Publication
EP 3178427 B1 20211027 (EN)

Application
EP 16186852 A 20110906

Priority

- US 87666810 A 20100907
- EP 11180182 A 20110906

Abstract (en)
[origin: EP2425791A1] An end effector assembly includes opposed jaws moveable from an open to a closed position for grasping tissue therebetween. Each jaw includes an electrically conductive surface adapted to conduct electrosurgical energy through tissue disposed between the jaws. A static bipolar cutting portion including at least one electrically conductive cutting element and at least one insulating element having a first configuration is disposed on at least one of the jaws. The static cutting portion is configured to electrically cut tissue disposed between the jaws upon activation of the cutting element and at least one of an opposing sealing surface and an opposing cutting element. A dynamic cutting portion including at least one electrically conductive cutting element and at least one insulating element having a second configuration is disposed on at least one of the jaws. The dynamic cutting portion electrically transects tissue during movement relative to tissue.

IPC 8 full level
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CPC (source: EP US)
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